



# OFFICE OF THE GOVERNOR

Monthly Statewide Tribal Consultation Call on 2014 Drought

June 30, 2014

**Webinar/Call-in information:**

To join online meeting, go to:

<https://resources.webex.com/resources/j.php?ED=262163977&UID=0&RT=MiM0>

To dial in by phone call-in toll-free number (Verizon): 1-877-507-5721 (US)

Call-in number (Verizon): 1-210-516-6209 (US)

Attendee access code: 238 846 9

Monthly Tribal Consultation Webinar/ Call on 2014 Drought Response  
6/30/14 10:00 am – 11:30 am  
<https://resources.webex.com/resources/j.php?ED=262163977&UID=0&RT=MiMO>  
1-877-507-5721

<b>9:55 a.m.</b>	<b>Dial In</b>	<b>All Tribal Governments</b>
<b>10:00-10:10 a.m.</b>	Welcome & Introduction Drought Task Force Regional Meetings	<b>Cynthia Gomez</b> , <i>Governor's Tribal Advisor</i>
<b>10:10-10:20 a.m.</b>	Current Update on Drought Regional Administrator & Liaison Contact Info Operational Area Weekly Calls	<b>Nancy Ward</b> , <i>Deputy Director</i> Cal OES
<b>10:20-10:30 a.m.</b>	Water Rights Curtailments Groundwater Management Water Rights Workshop-Tribal Training Marijuana Cultivation	<b>Tom Howard</b> , <i>Executive Director</i> State Water Resources Control Board
<b>10:30-10:40 a.m.</b>	DWR Groundwater-Related Drought Activities Drought Information and Tribal Engagement	<b>Anecita Agustinez</b> , <i>Tribal Policy Advisor</i> , DWR  <b>Dan McManus</b> , <i>Supervising Engineering Geologist</i> Regional Planning Branch Chief, Northern Region Office, DWR  <b>Scott Woodland</b> , <i>Supervising Engineer-Regional Coordinator</i> Division of Integrated Regional Water Management, DWR
<b>10:40-10:55 a.m.</b>	Marijuana Eradication Fisheries and Rescue Effort	<b>Chuck Bonham</b> , Director CA Department of Fish and Wildlife
<b>10:55-11:05 a.m.</b>	Illegal Water Consumption Upcoming Tribal Support How to Request Support	<b>SGM Rick Burth</b> , CDTF SEA
<b>11:05-11:15 a.m.</b>	General Update and Activities of Tribal Water Systems Water Sustainability	<b>Christopher Brady</b> , Deputy Director Indian Health Services, California Area
<b>11:15-11:20 a.m.</b>	Drought Planning and Mitigation Funding Available from the EPA	<b>Loretta Vanegas</b> , Environmental Specialist US EPA

# State and Federal Partners Participating

- **Cynthia Gomez**, Governor's Tribal Advisor
- **Nancy Ward**, Deputy Director CalOES
- **Tom Howard**, Executive Director SWRCB
- **Anecita Agustinez**, Tribal Policy Advisor DWR
- **Dan McManus**, Supervising Engineer DWR
- **Scott Woodland**, Supervising Engineer DWR
- **Kevin Hunting**, Chief Deputy Director CA Dept. Fish and Wildlife
- **Major Jeffery Moore**, CDTF SEA
- **Christopher Brady**, Deputy Director  
Indian Health Services, California Area
- **Loretta Vanegas**, Environmental Specialist US EPA



**Cal OES**  
GOVERNOR'S OFFICE  
OF EMERGENCY SERVICES

**Nancy Ward**  
Deputy Director  
Cal OES



## Weekly Drought Brief Monday, June 23, 2014

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### CURRENT CONDITIONS

**Fire Activity:** CAL FIRE has responded to 2,489 wildfires across the state since January 1, burning 18,242 acres. This year's fire activity is well above the year-to-date average of 1,593 wildfires on 14,465 acres. Cal FIRE responded to over 200 new wildfires last week, including the Shirley Fire (Kern County) contained at 2,545 acres and the Stoney Fire on Fort Hunter Liggett (Monterey County), which burned over 5,000 acres. While drought conditions have increased wildfires, additional firefighters and equipment mobilized earlier than normal have allowed CAL FIRE to contain these wildfires quickly in most cases.

**Snow survey:** The final manual [snowpack survey](#) of the season conducted on May 1 showed California snowpack at 18% of normal. A more [recent update](#) using automated devices shows snowpack at 0% of normal as of June 9.

**Reservoir Levels (% capacity):** [Reservoir Levels](#) as of June 19 remain low, including: Don Pedro 51%; Exchequer 29%; Folsom Lake 51%; Lake Oroville 45%; Millerton Lake 63%; New Melones 31%; Pine Flat 40%; San Luis 36%; Shasta 44%; and Trinity Lake 45%. An update of water levels at [other smaller reservoirs](#) is also available.

**Vulnerable Water Systems:** The California Department of Public Health is providing technical and funding assistance to help several communities facing near-term drinking water shortages. The Department is also monitoring water systems across the state to determine where else it can provide support. Already, over \$6 million has been identified for specific emergency drinking water projects, out of \$15 million appropriated for this purpose by emergency drought legislation passed by the State Legislature in March. Updated information can be found at the [CDPH Drinking Water Program](#) website.

**Recent precipitation:** No significant rain fell over the last week and no rain is expected this week.

### KEY ACTION ITEMS FROM THIS WEEK

- **Emergency water curtailments continue:** No new water curtailments were issued by the State Water Resources Control Board last week. Site inspections have continued in the Sacramento and San Joaquin River watersheds to ensure that water diversions are actually curtailed where required. The Water Board is allowing water users who have received curtailment notices to indicate whether their curtailed water is needed for human health or safety. These water users are being asked to describe their needs, as well as their efforts to obtain alternative water supplies. The Water Board released on Friday a proposed emergency rulemaking to protect senior water right holders, and will consider this proposal at its July 1 hearing.



- **Open burning banned across the state:** Open burning is now prohibited on 31 million acres of land across the state for the next several months, due to a [burn ban that CAL FIRE](#) has directed each of its unit chiefs to implement. This ban on open burning in state responsibility areas (outside of cities and towns) reduces wildfire danger amidst extremely dry conditions from the drought. CAL FIRE unit chiefs are also urging residents to approach any use of fireworks during the Fourth of July holiday very cautiously and to comply with all local laws regarding use of fireworks.
- **Fish relocations continue:** California Department of Fish and Wildlife staff [evacuated trout from a major hatchery](#) on the American River last week to avoid a massive die-off of fish due to increased water temperatures in the hatchery. In all, over two million fish are being relocated and released earlier than normal by the Department due to drought conditions.
- **Stronger water conservation requirements being considered:** Last Tuesday, the Water Board [heard from water agencies](#) serving California's cities and towns about their efforts to reduce water use during the drought. These updates complemented the Water Board's statewide survey of water agencies' conservation actions, which [showed slightly reduced water use in May](#). Following the survey and Board hearing, emergency regulations to increase water conservation statewide are being drafted for consideration by the Water Board at its July 15 Board meeting. The Governor's recent [Proclamation of Continued Emergency Drought](#) has called on residents to limit outdoor irrigation and prevent wasteful water practices and directed water agencies to prevent water waste.
- **Emergency food aid:** The California Department of Social Services has provided over 80,600 boxes of food to date for counties impacted by the drought. The Department is working with local food banks to ensure that this food aid is targeted to residents most impacted by the drought.
- **Water saving tips promoted across the state:** The state's water conservation campaign, Save Our Water, has launched a new user-friendly website that can be easily accessed by phones and other personal devices: [SaveOurWater.com](#). The site promotes our "Don't Waste Summer" campaign and provides a new conservation tip each day for the 100 days of summer. Supporters can follow and share Save Our Water's [Twitter](#) and [Facebook](#) feeds for this public awareness campaign.
- **State government announces funding for wildfire prevention:** CAL FIRE will provide counties and local fire councils [funding for wildfire prevention](#), using proceeds from an assessment that has been established on property in wildfire-prone areas. The \$10 million in funds will be awarded through a one-time grant process.
- **Water efficiency funding programs advance:** The California Department of Food and Agriculture has begun accepting applications for its [State Water Efficiency and Enhancement Program \(SWEET\)](#), which provides \$10 million in competitive grant funding for water and energy conservation measures on California farms. The California Department of Water Resources also issued draft guidelines for its [Water-Energy grant program](#), which provides \$19 million to local water agencies for an array of efficiency projects. Both programs were enabled by emergency drought legislation passed into law in March.

- **Low-Interest Loans Available for Water Recycling Projects:** The State Water Board continues to accept applications for \$800 million of [very low-interest \(1%\) loans for water recycling projects](#) that can be completed during the next three years. This funding program, announced earlier this spring, will accept applications through December.
- **Governor's Drought Task Force:** The Taskforce continues to meet daily to take actions that conserve water and coordinate state response to the drought.

### Local Government

- **Local Emergency Proclamations:** A total of 46 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:
  - **Counties:** Glenn, Inyo, Kern, Kings, Lake, Madera, Mendocino, Merced, Modoc, Santa Barbara, San Luis Obispo, San Joaquin, Siskiyou, Sonoma, Shasta, Sutter, Tulare, Tuolumne, Yuba, and Mariposa.
  - **Cities:** Brooktrails Township-Mendocino County, City of Willits-Mendocino County, City of St. Helena-Napa County, City of Calistoga-Napa County, City of American Canyon-Napa County, City of Santa Barbara-Santa Barbara County, City of Montague-Siskiyou County, City of Live Oak-Sutter County, and San Juan Bautista
  - **Tribes:** Hoopa Valley Tribe in Humboldt County, Yurok Tribe in Del Norte County, Tule River Indian Tribe in Tulare County, Karuk Tribe in Siskiyou/Humboldt Counties, Sherwood Valley Pomo Indian Tribe, Yocha Dehe Wintun Nation
  - **Special Districts:** Lake Don Pedro Community Services District, Placer County Water Agency (PCWA), Twain Harte Community Services District, Carpinteria Valley Water District, Sonoma County Water Agency, Meiners Oaks Water District, Mariposa Public Utility District, Montecito Water District, Goleta Water District, Tuolumne Utilities District, Nevada Irrigation District
- **Water Agency Conservation Efforts:** The Association of California Water Agencies [has identified](#) several hundred local water agencies that have implemented water conservation actions. These water agencies [are responding to the drought](#) by implementing conservation programs, which include voluntary calls for reduced water usage and mandatory restrictions where water shortages are worst.
- **County Drought Taskforces:** A total of 26 counties have established drought task forces to coordinate local drought response. These counties include: Butte, Kern, Kings, Lake, Madera, Mendocino, Merced, Modoc, Monterey, Nevada, Orange, Placer, Plumas, Sacramento, San Joaquin, San Luis Obispo, San Mateo, Santa Barbara, Siskiyou, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, and Napa. The Hoopa Tribe has also established a drought task force.

## DROUGHT RELATED WEBSITES FOR MORE INFORMATION

[Drought.CA.Gov](#): California's Drought Information Clearinghouse

State's Water Conservation Campaign, [Save our Water](#)  
Local Government [Drought Clearinghouse and Toolkit](#)

California Department of Food and Agriculture, [Drought information](#)  
California Department of Water Resources [Current Water Conditions](#)  
California Data Exchange Center, [Snow Pack/Water Levels](#)  
California State Water Resources Control Board, Water Rights, [Drought Info and Actions](#)  
California Natural Resources Agency, [Drought Info and Actions](#)  
California Department of Public Health, Drinking Water [CDPH Drinking Water Program](#)  
California State Water Project, [Information](#)

[U.S. Drought Monitor](#) for current conditions throughout the region  
[U.S. Drought Portal](#), National Integrated Drought Information System (NIDIS)  
National Weather Service [Climate Predictor Center](#)  
USDA Drought Designations by County [CA County Designations](#)  
USDA Disaster and Drought Assistance Information [USDA Programs](#)  
Small Business Administration Disaster Support: [www.sba.gov/disaster](http://www.sba.gov/disaster)



# Cal OES Regional Administrator Contact & Tribal Point of Contact

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Regional Administrator

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# Drought Task Force Regional Government-to-Government Meeting

- Regional Meetings:
  - Ukiah
  - Santa Cruz
  - Modesto
  - Tulare
- Next Upcoming Session in July
  - Sonoma, CA- July 11, 20014
  - Local County Governments to be included are TBD

# CA State Water Resources Control Board



Thomas Howard, Executive Director  
State Water Resources Board  
1001 I Street  
Sacramento, CA 95814  
Phone: (916) 341-5620

# WATER RIGHTS CURTAILMENTS

## Curtailment Notices Mailed

- Scott River - May 16<sup>th</sup>
  - Affected all Decreed Surplus Class Right and Post-1914 rights
- Sacramento River - May 27<sup>th</sup>
  - Affected all Post-1914 rights
- San Joaquin River - May 29<sup>th</sup>
  - Affected all Post-1914 rights
- Russian River - May 28<sup>th</sup>
  - Affected Post-1914 rights with priority date after 1954 and located upstream of Dry Creek confluence with Russian River
- **Total of 9,528 water rights curtailed.**

# FIELD INVESTIGATIONS TO CHECK COMPLIANCE

Inspections prioritized based on:

- Size of Diversion
- Season of Division
- Geographic Location
- Flow Conditions
- Responses to Curtailment Certification Form



# EMERGENCY REGULATION FOR CURTAILMENT PROCESS

- Regulation will provide better means to protect prior rights by streamlining enforcement of violations of curtailment
- Comments will be taken on whether exemptions to curtailment for human health and safety needs should be considered

# **TRIBAL TRAINING WATER RIGHTS & WATER QUALITY**

## **Topics Include:**

- Overview of California water rights system, including complaints and protests
- Funding opportunities and processes
- Use of Water Board database
- Integrated Regional Water Management Plans
- Beneficial use designations

**Projected for October 2014**

# GROUNDWATER MANAGEMENT

- **Three Legislative Proposals**

- 1) Administration
- 2) AB 1739 - Dickinson
- 3) SB 1168 – Pavley

- **Key elements of Administration's proposal:**

Define “sustainable groundwater management”  
Recognize groundwater recharge as a beneficial use of water  
Provide additional technical assistance  
Provide additional authority to local agencies  
Establish a state “backstop”

# MARIJUANA CULTIVATION - ENFORCEMENT CHALLENGES & OPTIONS

- Water quality and water rights impacted
- Water Boards have no criminal enforcement authority
- Statutory tools have limitations
- Some grows are legitimate
- Must gather enough facts for effective enforcement
- Tribal land grows are trespass grows so no responsible parties

# MARIJUANA CULTIVATION - REMEDIATION OPTIONS

- Water Board Expertise Water Quality
- Water Board Cleanup and Abatement Account \$\$
- DTSC – Hazardous Substances Abandoned Sites
- Cal Recycle Accounts – Solid Waste
  - Abandoned Sites
  - Agricultural Trespass Sites



# Department of Water Resources



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# DWR Groundwater-Related Drought Activities

## Governor's Drought Proclamation



### Action #11

The Department of Water Resources will evaluate changing groundwater levels, land subsidence, and agricultural land following as the drought persists and will provide a public update by April 30 that identifies groundwater basins with water shortages and details gaps in groundwater monitoring.

### Action #12

The Department of Water Resources will work with counties to help ensure that well drillers submit required groundwater well logs for newly constructed and deepened wells in a timely manner and the Office of Emergency Services will work with local authorities to enable early notice of areas experiencing problems with residential groundwater sources.



## California Water Action Plan

More Reliable  
Water Supplies

Restoration  
of Species &  
Habitat

Resilient &  
Sustainably  
Managed Water  
Resources



### Action #6: Expand Water Storage Capacity and Improve Groundwater Management

- a. Provide Essential Data to Enable Sustainable GWM
- b. Support Funding Partnerships for Storage Projects
- c. Update Bulletin 118, California's Groundwater Plan
- d. Improve Sustainable Groundwater Management
- e. Support Distributed Groundwater Storage
- f. Increase Statewide Groundwater Recharge
- g. Accelerate Clean-up of Contaminated Groundwater and Prevent Future Contamination

#### California Water Action Plan



# DWR Groundwater-Related Drought Actions

## Governor's Drought Proclamation Executive Order January 11, 2014

### Action #11

The Department of Water Resources will evaluate changing groundwater levels, land subsidence, and agricultural land fallowing as the drought persists and will provide a public update by April 30 that identifies groundwater basins with water shortages and details gaps in groundwater monitoring.

### Action #12

The Department of Water Resources will work with counties to help ensure that well drillers submit required groundwater well logs for newly constructed and deepened wells in a timely manner and the Office of Emergency Services will work with local authorities to enable early notice of areas experiencing problems with residential groundwater sources.



## DWR Drought Groundwater Team Activities

### Action #11

1. Changing GW Levels: (Central Valley)
  - a) Change in GW Elevations...Dot Maps
    - Fall 2004 – Fall 2013
    - Fall 2012 – Fall 2013
  - b) Gaps in GW Monitoring
2. Identify Water Short Basins
  - a) GW Basin with high reliance on GW
  - b) Updated GW Use by GW Basin
  - c) Wells that have been Deepened since 2010
  - d) Known impacts to local supplies
3. Land Subsidence Update

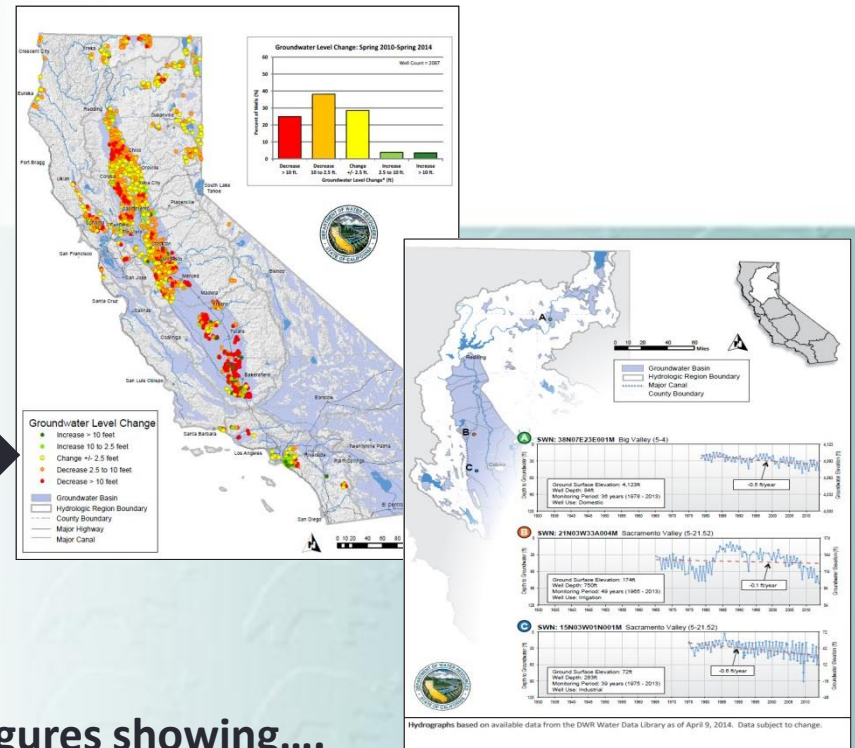
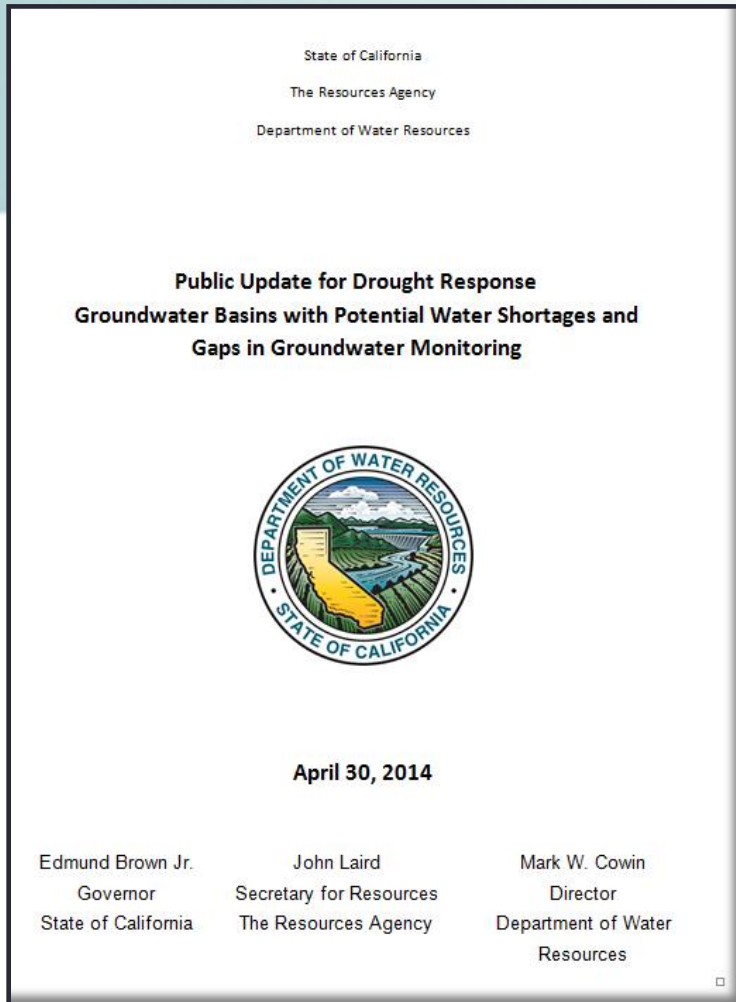
### Action #12

1. Identified all Current C-57 Drillers in California
2. Sent Letter to all CA Drillers Requesting to Submit Logs within required 60-day period.
3. Established Contact list for Well Permit in all 58 Counties
4. Sent Letter to all Counties to Track and Coordinate Well Permitting with DWR.
5. Currently following up with Counties on Drilling activity
6. Develop Summary Map Sac Valley Well Depth vs Depth to GW.

April 30, 2014 Report to the Governor

CASGEM Emergency Funding Actions

# April 30, 2014 Groundwater Report



27 Figures showing....

- a) Change in GW Elevations
- b) Gaps in GW Monitoring
- c) GW Basin with high reliance on GW
- d) GW Use by GW Basin
- e) Wells that have been Deepened since 2010



**Governor's Drought Proclamation  
Executive Order  
April 25 2014**

**Action #2**

The Department of Water Resources and the State Water Resources Control Board (Water Board) will immediately and expeditiously process requests to move water to areas of need, including requests involving voluntary water transfers, forbearance agreements, water exchanges, or other means. If necessary, the Department will request that the Water Board consider changes to water right permits to enable such voluntary movements of water

**Action #11**

The Department of Water Resources will conduct intensive outreach and provide technical assistance to local agencies in order to increase groundwater monitoring in areas where the drought has significant impacts, and develop updated contour maps where new data becomes available in order to more accurately capture changing groundwater levels. The Department will provide a public update by November 30 that identifies groundwater basins with water shortages, details remaining gaps in groundwater monitoring, and updates its monitoring of land subsidence and agricultural land fallowing.

## *DWR Groundwater-Related Drought Actions*

**DWR Drought Groundwater Team Activities**

**Response to Actions #2 & 11**

1. Groundwater Substitution Transfers
2. Well Drilling Activities
3. Basins Subject to Overdraft
4. Monitoring Gaps
5. Land Subsidence Update
6. Agricultural Land Fallowing
7. Summary of Outreach and Technical Assistance

**November 30, 2014 Report to the Governor**



Office of Governor

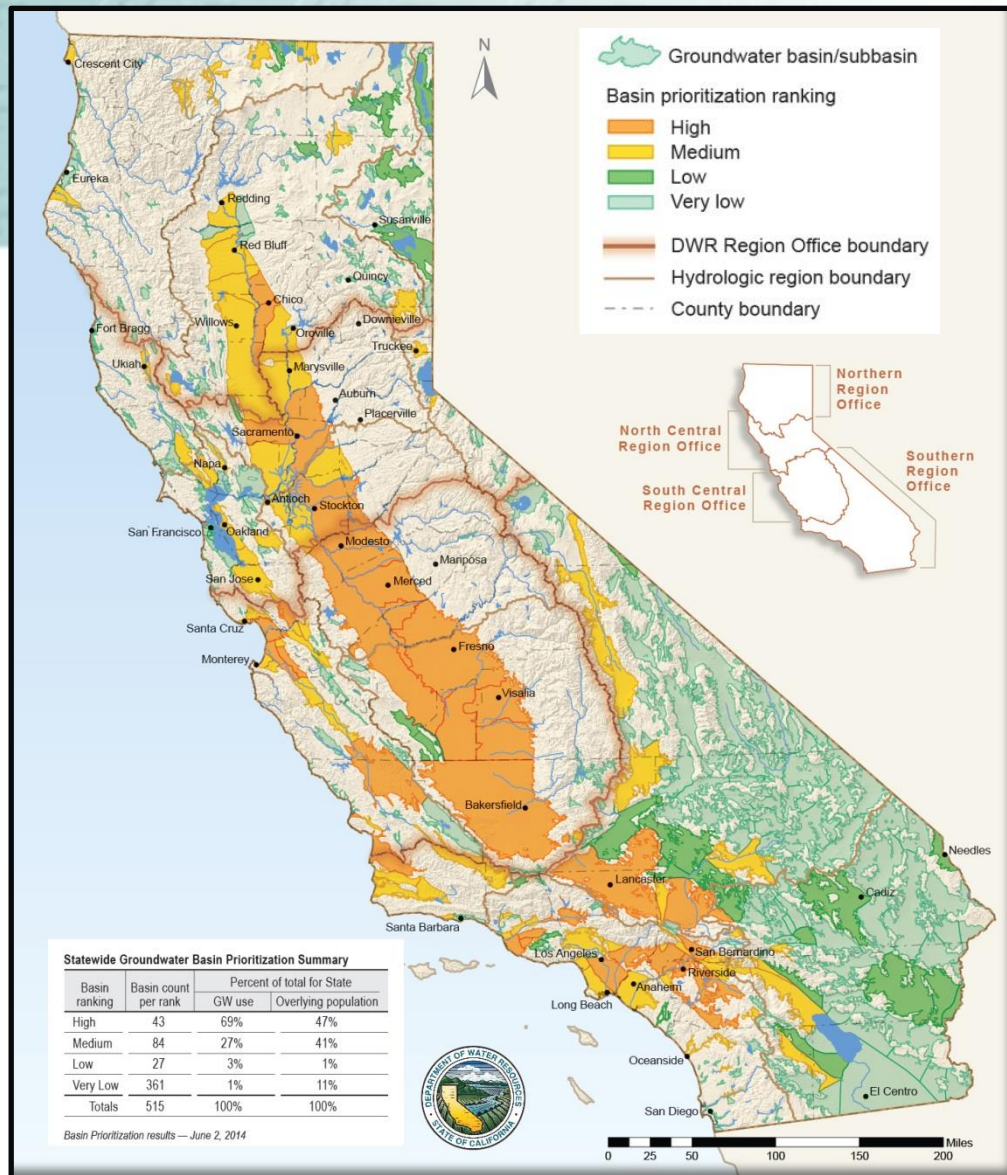
**Edmund G. Brown Jr.**





# CASGEM Basin Prioritization

## CASGEM: California Statewide Groundwater Elevation Monitoring



### Statewide Breakdown

Basin Ranking	Basin Count per Rank	Percent of Total for Hydrologic Region	
		GW Use	Overlying Population
High	43	69%	47%
Medium	84	27%	41%
Low	27	3%	1%
Very Low	361	1%	11%
Totals	515	100%	100%

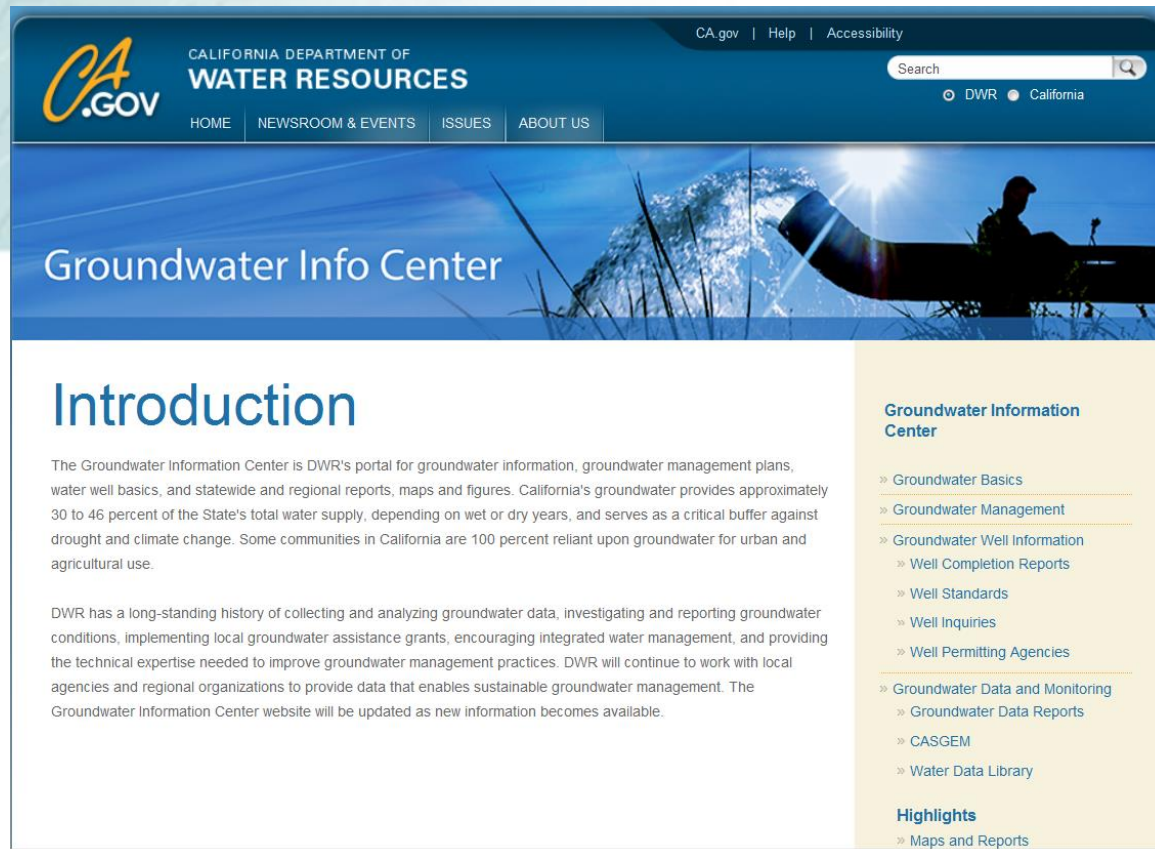
**127 High & Medium Priority basins cover ...**

- 96% of California's annual groundwater pumping
- 88% of California's population (overlying the gw basins)

<http://www.water.ca.gov/groundwater/casgem/>

# DWR's Updated Groundwater Information Center

<http://water.ca.gov/groundwater/>



## Questions?

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# Integrated Regional Water Management

## Northern Region Office Located in Red Bluff



Office Chief  
Curtis Anderson



Regional Coordinator  
Mary Randall

**Tribal Liaisons**  
Mary Randall  
Tito Cervantes



# Integrated Regional Water Management

## South Central Region Office Located in Fresno



Office Chief  
Kevin Faulkenberry



Regional  
Coordinator  
Ernest Taylor

**Tribal Liaison**  
Sophia Fadal

# Integrated Regional Water Management

## Southern Region Office Located in Glendale



Office Chief  
Mark Stuart

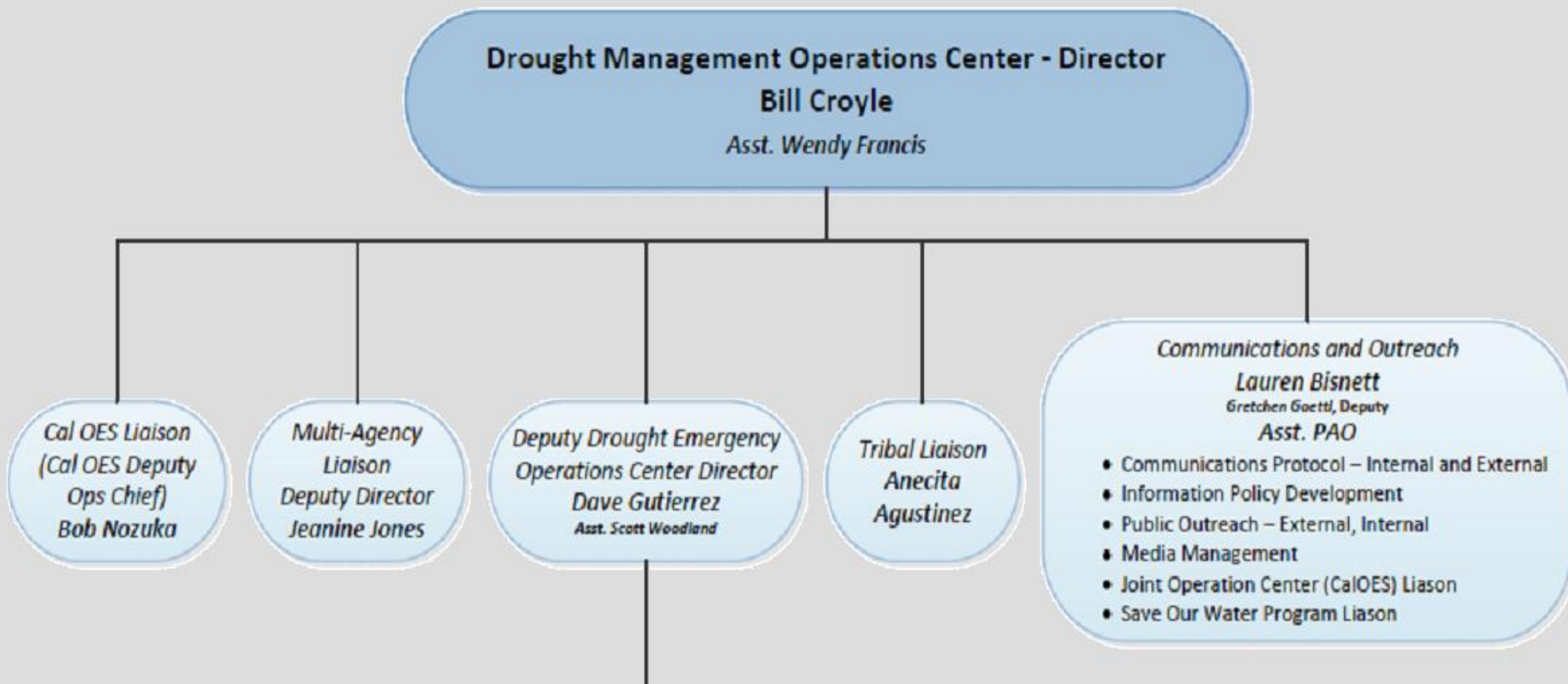


Regional  
Coordinator  
Brian Moniz

**Tribal Liaison**  
Jennifer Wong



# Department of Water Resources

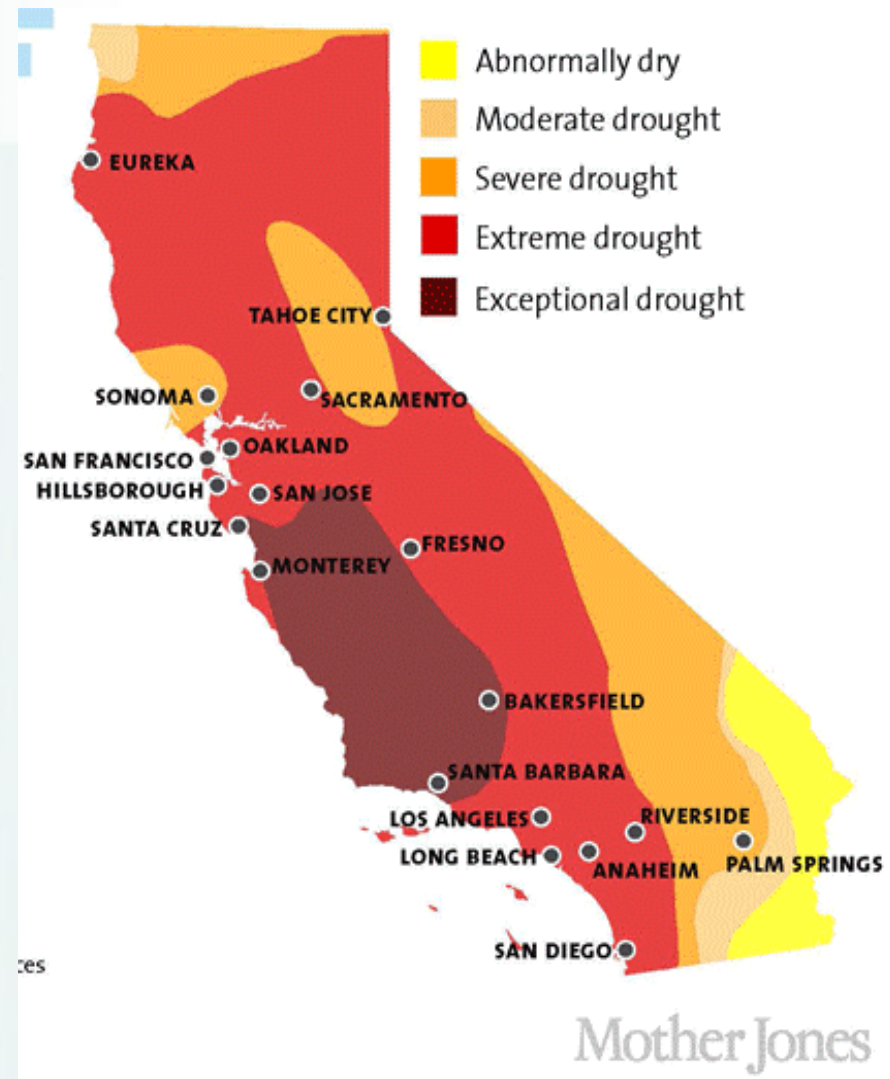
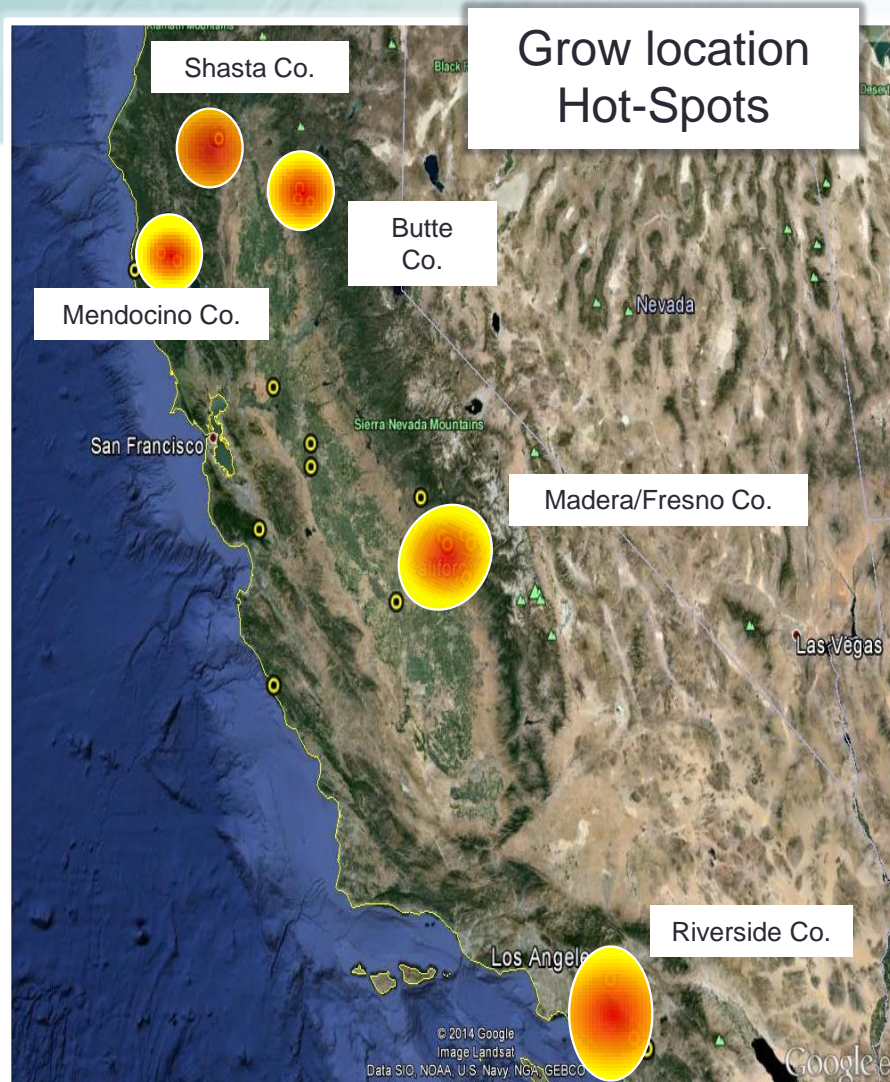


# California Department of Fish and Wildlife



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# Marijuana Grow Hotspots / Drought





# CDFW, LED 2014 Totals

- 96,042 Plants were eradicated
- 1,377 lbs. of processed marijuana was seized
- With an approximate value of 3.8 million dollars



# Reclamation Efforts

- 55,882 lbs. of trash
- 92,110 ft. of black poly-pipe
- 17.44 miles of black poly-pipe





# Fertilizers & Chemicals

- 4,796 lbs. of fertilizers/chemicals
- 70 gallons of fertilizers/chemicals
- Yara Mila, D-Con, Metafos, Malathion, Miracle Grow, Happy Frogg, Grow More





# Drought Crimes

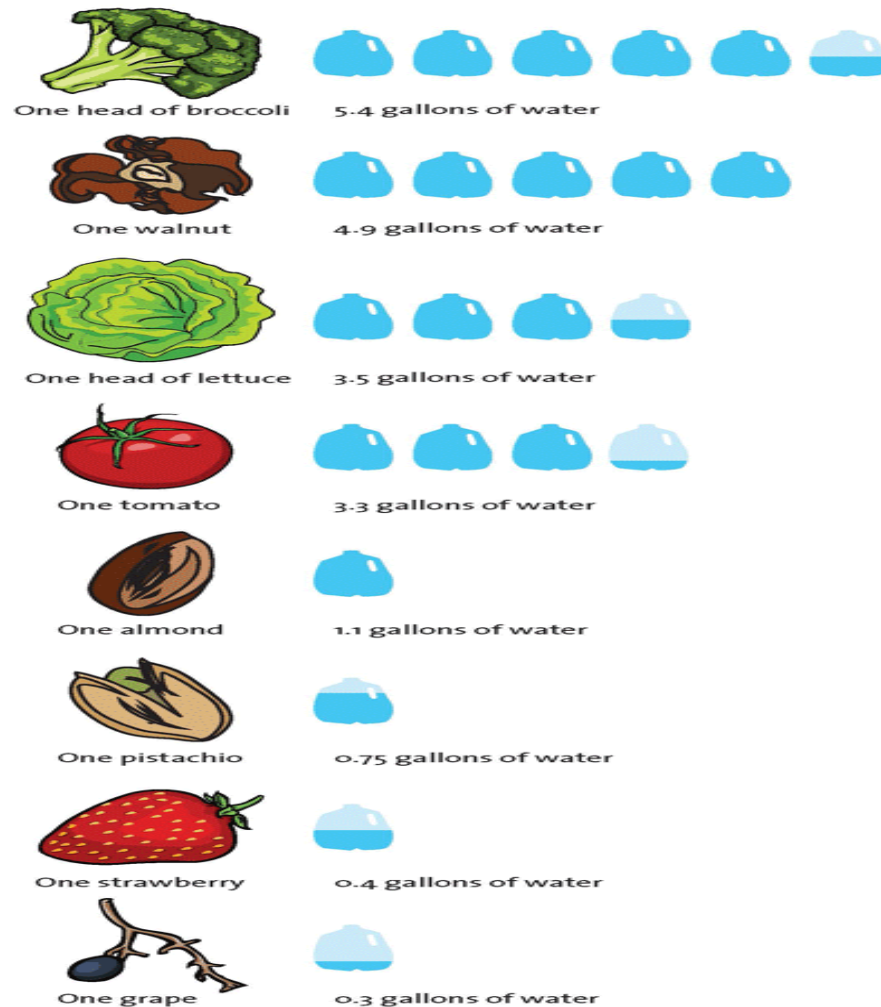
- 14 Dam/FGC 1602 Violations
- About 587,464 gallons of stolen water was used on these plants\*
- If these plants were in the ground for only 30 days the amount of stolen water would be about 17,623,920 gallons\*



*\*Math: Environmental Staff estimates 8-10 gallons of water per day (we used 8)*

# Comparative Water Usage

## How Thirsty Is Your Food?



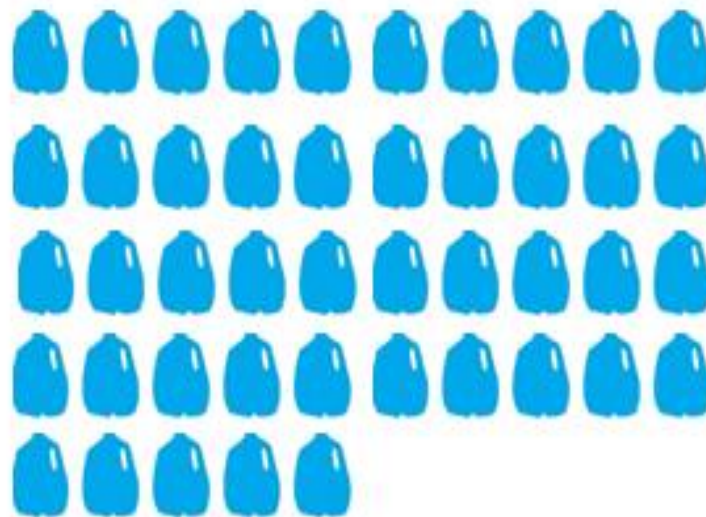
Figures indicate how much water it takes to bring each crop to maturity in the US, if using only irrigated water. Data: Mekonnen, M.M. and Hoekstra, A.Y., "Water footprints of derived crop products (1996-2005)". Art: Nikiteev, Konstantin, Asya Alexandrova, Igor Zakowski/Shutterstock; Kate Vogel/Noun Project.

Mother Jones

# Water Usage for 1 oz. of Marijuana



**1 oz. of Marijuana = 28.349 grams**



**31-47 gallons of water**

- This is based off a plant yielding 2 or 3 pounds of bud.
- One joint takes 1.6 gallons of water for a 2 pound plant (1 joint = 1 gram)
- 8 – 10 gallons of water per plant, per day for a 150 day grow season = 1200-1500 gallons per plant.



# Fish Rescues and Drought

- CDFW conducted 50 $\pm$  rescues in 20 watersheds
  - Steelhead trout (1,000+ fish) – Carmel River, Sacramento River (Monterey and Tehama Cos.)
  - Coho salmon (8000+ fish) – Scott River (Siskiyou Co.)
    - Karuk Tribe involvement
  - Winter-run Chinook (>200 fish) – Sacramento River (Tehama Co.)
  - Clear Lake Hitch – Adobe Creek (Lake Co.)
    - Habematolel Pomo of Upper Lake and the Big Valley Band of Pomo assisted in rescuing ~250 hitch
  - Unarmored threespine stickleback (25+ fish) – Angeles NF
  - Sacramento Perch (250+ fish) – Alameda Co

# **CDFW Fish Rescue Contacts**

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**[tom.schroyer@wildlife.ca.gov](mailto:tom.schroyer@wildlife.ca.gov)**

**Steven Ingram**  
**Senior Staff Counsel & Tribal Liaison**  
**California Department of Fish and Wildlife**  
**Office of General Counsel**  
**916-651-7401**  
**[tribal.liaison@wildlife.ca.gov](mailto:tribal.liaison@wildlife.ca.gov)**  
**[steven.ingram@wildlife.ca.gov](mailto:steven.ingram@wildlife.ca.gov)**

# California National Guard CDTF



*Major Jeffery Moore*  
*CDTF SEA*



# Current Reclamation Stats

Type	Measurement	FY12	FY13	FY14	Total
Infrastructure	lbs.	180,150	77,671	5,050	262,871
LP	Tanks	201	192		393
Fertilizer	lbs.	19,836	14,981		34,817
Pesticides	lbs.	182	308		489
Restricted Pesticides	lbs.	21	25		46
Restricted Pesticides	gal	3	3		6
Liquids	gal	3			3
Dump Trucks	loads				0
Cargo Net	Each	474	256	50	780
Irrigation Pipe	Ft			52,500	52,500
Irrigation	Miles	60	44		104
Man-made Dams	Each	47	89	5	141
Car Batteries		57	52		109
Sling Load				15	15

# Illegal Water Consumption

- Marijuana (Plants Eradicated FY 14) 74,537 plants
- 6 Gallons per plant per day\* = 900 gallons per 5 month growing season
- $74,537 \times 900$  (full season) = 67 million gallons
- We saved 40 million gallons by eradicating early in the grow season.

\* Tom Philpott, Apr 16, 2014, *"A Single Pot Plant Uses HOW much Water?!", Mother Jones*

# How to Request our Support



State of California -The Natural Resources Agency  
DEPARTMENT OF FISH AND WILDLIFE  
<http://www.dfg.ca.gov>  
Law Enforcement Division  
1416 Ninth Street, Room 1326  
Sacramento, California 95814  
(916) 653-4094

EDMUND G. BROWN, JR., Governor  
Charlton H. Bonham, Director



*John approval Drug Narcotics*

Office of the Adjutant General  
Attn: COL Todd W. Lewis, Commander,  
Joint Task Force Domestic Support-Counterdrug  
0620 MATHER Blvd  
Mather, CA 95655

Dear COL Lewis,

This is an official request to ask for Sergeant First Class Pedro Jaimez to be assigned to the Department of Fish and Wildlife (DFW) in our Sacramento field office. SFC Jaimez would be a point of contact for our department with other mutual aid agencies in mission and operational planning for the 2014 calendar year. SFC Jaimez has a good understanding of the Department of Fish and Wildlife and would be a valued member of assisting our department with the continued building and training of our Marijuana Enforcement Team.

The Department of Fish and Wildlife would also like to request an additional analyst be assigned to us if available. We are in need of analytical support for case management of narcotic related crimes. It would be a huge benefit to both of our departments to have an analyst in place to help with data and narcotic crime management. It is my hope that DFW will be able to provide much needed information on drug related activity for all of California that we may share with our allied partners. The National Guard, Counter Drug Analyst would also report to our Sacramento field office.

I would like to thank you in advance for your consideration for this request. The point of contact for this request is Captain Nathaniel Arnold at (559) 284-1264.

Sincerely,

Brian K. Naslund  
Assistant Chief  
California Department of Fish and Wildlife  
Law Enforcement Division

*Conserving California's Wildlife Since 1870*

*Guardians of our Wildlife Heritage...A Proud Tradition of Wildlife Law Enforcement*

# Upcoming Tribal Support

- CDTF is coordinating with Chief Masten of the Yurok Tribe in conjunction with the Humboldt County Sheriff's Dept., USFS, BLM and CA DOJ (CAMP) to conduct Marijuana eradication and reclamation operations in late July 2014 in Humboldt & Del Norte Counties.
- CDTF is in the initial mission planning stages with Kenneth McDarment of the Tule River Tribe in conjunction with Tulare County Sheriff's Dept., USFS, BLM and DFW to conduct marijuana eradication and reclamation operations at a time TBD in the Tule River Tribal area and Tulare County.

# Contact Info:

- For California National Guard CDTF Support

MAJ Jeff Moore Operations Officer  
10620 Mather Blvd, Mather CA 95655  
916-369-4904  
[Jeffery.moore@jtfdsd.ca.gov](mailto:Jeffery.moore@jtfdsd.ca.gov)

1SG Clinton Lockard Operations NCOIC  
10620 Mather Blvd, Mather CA 95655  
916-369-4936  
[Clinton.lockard@jtfdsd.ca.gov](mailto:Clinton.lockard@jtfdsd.ca.gov)

## **Indian Health Service, California Area Office of Environmental Health & Engineering (OEHE)**



Christopher Brady, Deputy Director  
Division of Sanitation Facilities Construction  
Indian Health Service, California Area  
650 Capitol Mall, Room 7100  
Sacramento, CA 95814  
Phone: (916) 930-3945  
[chris.brady@ihs.gov](mailto:chris.brady@ihs.gov)



# Tribal water systems at highest risk due to drought conditions:

Updated June 20, 2014 – Updates will be made as conditions change and information becomes available.



Map #	Tribe	County	System Name	Source (GW,SW,IC)
1	Smith River Rancheria	Del Norte	Howonquet	SW
2	Trinidad Rancheria	Humboldt	n/a	SW, IC
3	Karuk Tribe	Siskiyou	Somes Bar	SW
3	Karuk Tribe	Siskiyou	Happy Camp CSD	SW
3	Karuk Tribe	Humboldt	Orleans CSD	SW
3	Karuk Tribe	Humboldt	Orleans Mutual Wtr Co	SW
4	Yurok	Humboldt	Kepel	SW
4	Yurok	Humboldt	Wautec	SW
4	Yurok	Humboldt	Weitchpec	SW
4	Yurok	Del Norte	Klamath	GW
5	Hoopa Valley Tribe	Humboldt	n/a	SW
6	Pit River	Shasta	Montgomery	GW
6	Pit River	Shasta	XL	GW
7	Wiyot Tribe	Humboldt	n/a	GW
8	Bear River Band	Humboldt	Old Rancheria	GW
9	Grindstone Rancheria	Glenn	n/a	SW
10	Sherwood Valley	Mendocino	City of Willits	IC
10	Sherwood Valley	Mendocino	Original Sherwood Valley Rancheria	GW
11	Sherwood Valley	Mendocino	Eastside Ranch-Lockhart	GW
12	Redwood Valley Rancheria	Mendocino	n/a	SW, IC
13	Enterprise Rancheria	Butte	n/a	GW
14	Coyote Valley	Mendocino	n/a	GW, IC
15	Cortina	Colusa	n/a	GW
16	Manchester/Pt Arena	Mendocino	Pt Arena Side	GW
17	Kashia Band of Pomo Indian	Sonoma	n/a	SW
18	Ione Band of Miwoks	Amador	n/a	GW
19	Chicken Ranch	Tuolumne	n/a	GW
20	Tuolumne	Tuolumne	n/a	GW, SW
21	Big Sandy	Fresno	n/a	GW
22	Cold Springs	Fresno	Coyote Drive system	GW
22	Cold Springs	Fresno	Main	GW
23	Santa Rosa Rancheria	Fresno	n/a	GW
24	Tule River	Tulare	Main	SW, GW
24	Tule River	Tulare	Apple Valley	GW
25	Torres Martinez	Riverside	Clinic System	GW
25	Torres Martinez	Riverside	Avenue 64 System	GW
26	Santa Rosa Reservation	Riverside	Santa Rosa Water System	GW
27	Pauma	San Diego	n/a	GW
28	San Pasqual	San Diego	Main	GW, IC
28	San Pasqual	San Diego	Western System District B	IC
29	Mesa Grande	San Diego	Main System	GW
30	Santa Ysabel	San Diego	Main System	GW
30	Santa Ysabel	San Diego	Ortega System	GW
31	La Posta	San Diego	Upper System	GW
31	La Posta	San Diego	Lower System	GW

# General Updates and Activities

- Coordinate with State and Federal agencies.
- Periodic vulnerability/risk assessments of Tribal water systems.
- Monitor systems at high risk including water source (e.g. drawdown/recovery) and per capita demand; determine systems at “critical” stage.
- Update the Tribal Sanitation Deficiency System (SDS) with specific drought-related projects and provide to other agencies for funding considerations.
- Continue outreach to Tribes to develop a *Drought Contingency Plan* ( increase from 10% to 20%).
- Develop plan to address gap in supplying water for scattered/individual home sites (e.g. distribution points, hauling).

# IHS California Area Drought Website

<http://www.ihs.gov/california/index.cfm/offices/office-of-environmental-health-engineering-oehe/drought-2014/>

California Area  
INDIAN HEALTH SERVICE

HEALTH PROGRAMS TRIBAL CONSULTATION NEWS & EVENTS ABOUT US OFFICES FAQs

CA Home CA Site Map CA Member Portal Access

CA Member Portal Access

## Drought 2014

Planning for drought conditions and possible impacts to Indian community water systems.

LEARN MORE



**FOR PATIENTS** **FOR HEALTH CARE PROFESSIONALS** **TRIBAL RESOURCES**



**CA Area Director's Message**  
April is Alcohol Awareness Month

Read More >



**Mission Statement**  
The overall mission of the Indian Health Service (IHS) is to raise the physical, mental, social and spiritual health of American Indians and Alaska natives (AI/AN) to the highest level.

Read More >



**California YRTC Project**  
IHS California Area Office is planning to build California's first IHS-operated Youth Regional Treatment Centers (YRTC).

Read More >

### WHAT'S NEW

5/19/14 - 5/21/14

[2014 Providers Best Practices & GPRA Measures Continuing Medical Education](#)  
APRIL 25, 2014

[FY 2014 Q3 GPRA Reporting Instructions](#)  
MARCH 27, 2014

[Southern California Youth Regional Treatment Center \(link to non-IHS.gov site\)](#)  
This is a SOURCE SOUGHT SYNOPSIS  
Solicitation Number: 14-161-SOL-00010  
APRIL 9, 2014

[State of California - Health Advisory - Measles Update](#)  
Measles activity continues to be high in California this year.  
4/22/14 - 4/24/14

[RPMS QMAN/VGEN/Reporting](#)  
MAY 1, 2014

[RPMS Immunization Package 101](#)  
MAY 22, 2014

[California Special Diabetes Program for Indians \(SDPI\) Meeting](#)  
MARCH 20, 2014

[Doing Business with IHS \(PDF\)](#)  
PowerPoint presentation on doing business with IHS, from the OEH&E Sanitation Facilities Construction department.  
JUNE 23-26, 2014



AUTHOR:  
David Simeral  
Western Regional Climate Center

USDA National Drought Mitigation Center

<http://droughtmonitor.unl.edu/>

Source: National Drought Mitigation Center at the University of Nebraska

### General drought facts/information:

[Map of Drought Locations in California](#)  University of Nebraska

[Saving our Water](#)  Save our Water

[California Water Fact Sheet \(EPA\)](#)  (PDF) Environmental Protection Agency

### Drought contingency planning tools/resources:

 [Drought Assessment Form for Tribal Drinking Water Systems](#) (PDF)

 [Map of California Tribal Water Systems at Highest Risk Due to Drought Conditions](#) (PDF)

 [Drought Contingency Plan TEMPLATE](#) (DOCX)

[List of local Office of Emergency Services by County](#)  State of California, Offices of Emergency Services

[Free California Drinking Water Workshops](#)  (PDF) Rural Community Assistance Corporation

[Emergency Community Water Assistance Grants \(USDA\)](#)  (PDF) US Department of Agriculture

[US Bureau of Reclamation Water Shortage Contingency/Drought Planning Handbook](#)  (PDF) US Bureau of Reclamation

[List of California licensed water haulers](#)  (PDF) State of California, Department of Public Health

### Public health tools/resources:

[Emergency Preparedness - Hospital Water Disruption Best Practices](#)  California Hospital Association

[When Every Drop Counts: Protecting Public Health During Drought Conditions](#)  (PDF) Centers for Disease Control and Prevention

[Public Health and Drought](#)  (PDF) Centers for Disease Control and Prevention



# IHS Local Area Office Drought Contact

Listed below are the Indian Health Service office locations and contacts for drought assistance. Please contact the office nearest you.

Location	Primary contact name	Phone number
Arcata Field Office	Barry Jarvis	707-822-1688
Redding District Office	Andy Huray	530-246-5339
Ukiah Field Office	Charles Thompson	707-462-5314
Sacramento District Office	David Mazorra	916-930-3960
Clovis Field Office	Matt Mergenthaler	559-322-7488
Escondido District Office	Sean Bush	760-735-6880

For additional information on the field offices and contacts, please see the IHS California Area website at: <http://www.ihs.gov/california/index.cfm/about-us/field-offices/>

# **Drought Planning and Mitigation Funding available from the EPA**



Loretta Vanegas, Environmental Specialist

USEPA Region 9

Mail Code: WTR-10

San Francisco, CA 94105

Office: (415) 972-3433

[Vanegas.loretta@Epa.gov](mailto:Vanegas.loretta@Epa.gov)



# **What: Types of Activities Supported**

Activities that support the Tribe's overall assessment of vulnerability and capacity-building efforts to develop a responsive environmental program around drought may be eligible for funding. These activities might include:

- Drought Contingency Plans;
- Utility Rate Studies;
- Utility Water Audits (system-wide);
- Water Use or Conservation Ordinances; and
- Water Conservation Data Gathering and Analysis.

# How: Reprogram Existing Funds; Apply for New Funds

- To undertake these activities immediately (in Fiscal Year 2014), the Tribe can request to renegotiate their current GAP Workplan by contacting their GAP Project Officer.
- To undertake these activities in Fiscal Year 2015, the Tribe can renegotiate approved FY15 funding or make a supplemental request for additional funding by contacting their GAP Project Officer.
  - *If the Tribe wishes to request supplemental FY15 funds to support these activities, please contact your GAP Project Officer ASAP, since final full application materials must be received not later than 7/15/2014.*

# The Fine Print

- These funds are available to Federally Recognized Tribes and inter-tribal consortia currently eligible for General Assistance Program Grants from the U.S. EPA.
- A limited amount of funding is available to support supplemental awards for FY15, and will be provided on a first-come, first-served basis.
- To discuss renegotiating current work, renegotiating FY15 proposed work, or to request supplemental funds, please have your GAP-funded personnel contact your GAP Project Officer:
  - <http://epa.gov/region9/tribal/grants/gap-officers.html>
- **Other questions?** Please contact Laura Ebbert, Manager, Tribal Section at [Ebbert.laura@epa.gov](mailto:Ebbert.laura@epa.gov)

# Open Forum for Tribal Feedback and Discussion

1. Tribal Chairman
2. Tribal Designee
3. Open Forum

# THANK YOU

## **For more information contact:**

Heather Hostler

Chief Deputy, Office of Tribal Advisor

Office of Governor Edmund G. Brown Jr.

1550 Harbor Blvd., Suite 100

West Sacramento, California 95691

Office: (916) 373-3718

Cell: 916) 708-5304

[Heather.Hostler@gov.ca.gov](mailto:Heather.Hostler@gov.ca.gov)